

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2015

Reclamation District No. 0341 Sherman Island

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	03/30/2015 03/30/2015	Herman Phillips

LM Start		Rating **	A	Issue No.	13
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_RD0341_01_f_2014_13				
Action/Comments					
Inspector Comments: District has the O&M Manual on hand.					

No Photos

LM Start		Rating **	A	Issue No.	14
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_RD0341_01_f_2014_14				
Action/Comments					
Inspector Comments: The district has emergency supplies stored.					

No Photos

LM Start		Rating **	A	Issue No.	15
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_RD0341_01_f_2014_15				
Action/Comments					
Inspector Comments: The district is prepared for a flood fight.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	03/30/2015 03/30/2015	Herman Phillips

LM Start	0.00	Rating **	A	Issue No.	390
LM End	3.31	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.085595 °	38.105183 °
				-121.686437 °	-121.702030 °
DWR ID	DWR_RD0341_01_s_2015_390				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: During this inspection the district was in the process of mowing levee slopes.					

Photo 1 of 1 : SP_2015_RD0341_167_390_20150406_00070.jpg



Looking downstream at the landside.

LM Start	0.02	Rating **	C	Issue No.	1
LM End	0.03	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.085785 °	38.085975 °
				-121.686613 °	-121.686748 °
DWR ID	DWR_RD0341_01_f_2014_1				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	0.08	Rating **	C	Issue No.	3
LM End	0.10	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.086653 °	38.086943 °
				-121.687050 °	-121.687082 °
DWR ID	DWR_RD0341_01_f_2014_3				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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Unit No. 01 Threemile Slough	Right	3.36	03/30/2015 03/30/2015	Herman Phillips

LM Start	0.16	Rating **	A	Issue No.	391
LM End	3.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.087842 °	38.105183 °
				-121.687183 °	-121.702030 °
DWR ID	DWR_RD0341_01_s_2015_391				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	0.28	Rating **	C	Issue No.	4
LM End	0.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.089535 °	38.089535 °
				-121.687033 °	-121.687030 °
DWR ID	DWR_RD0341_01_f_2014_4				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	0.77	Rating **	C	Issue No.	5
LM End	0.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.096605 °	38.096605 °
				-121.686937 °	-121.686937 °
DWR ID	DWR_RD0341_01_f_2014_5				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Threemile Slough	Right	3.36	03/30/2015 03/30/2015	Herman Phillips

LM Start	0.89	Rating **	C	Issue No.	6
LM End	1.18	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.098298 °	38.102487 °
				-121.687073 °	-121.686625 °
DWR ID	DWR_RD0341_01_f_2014_6				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	1.28	Rating **	C	Issue No.	7
LM End	1.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.103967 °	38.104432 °
				-121.686215 °	-121.686108 °
DWR ID	DWR_RD0341_01_f_2014_7				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	1.45	Rating **	C	Issue No.	8
LM End	1.87	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.106312 °	38.112287 °
				-121.685535 °	-121.684123 °
DWR ID	DWR_RD0341_01_f_2014_8				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Threemile Slough	Right	3.36	03/30/2015 03/30/2015	Herman Phillips

LM Start	1.94	Rating **	C	Issue No.	9
LM End	1.96	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.113372 °	38.113580 °
				-121.684063 °	-121.684095 °
DWR ID	DWR_RD0341_01_f_2014_9				
Action/Comments					
Trees / Woody Vegetation					
Inspector Comments: The Arundo on the levee slope shown in the picture need to be removed from the levee section.					

No Photos

LM Start	3.00	Rating **	C	Issue No.	10
LM End	3.09	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.104037 °	38.104067 °
				-121.696368 °	-121.697885 °
DWR ID	DWR_RD0341_01_f_2014_10				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	3.15	Rating **	C	Issue No.	11
LM End	3.21	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.104250 °	38.104657 °
				-121.699018 °	-121.700030 °
DWR ID	DWR_RD0341_01_f_2014_11				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Threemile Slough	Right	3.36	03/30/2015 03/30/2015	Herman Phillips

LM Start	3.32	Rating **	C	Issue No.	12
LM End	3.32	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.105088 °	38.105088 °
				-121.701860 °	-121.701863 °
DWR ID	DWR_RD0341_01_f_2014_12				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Remove the Arundo from the waterside slope and toe of levee.					

No Photos

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	03/30/2015 03/30/2015	Herman Phillips

LM Start	3.34	Rating **	A	Issue No.	2
LM End	3.37	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.105130 °	38.105313 °
				-121.702000 °	-121.702713 °
DWR ID	DWR_RD0341_02_s_2015_2				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: District mowed this section of levee slope prior to my inspection.					

Photo 1 of 1 : SP_2015_RD0341_168_2_20150406_00128.jpg



Looking downstream from the waterward slope levee mile 3.34.

LM Start	3.36	Rating **	C	Issue No.	1
LM End	3.38	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.105412 °	38.105130 °
				-121.702545 °	-121.702000 °
DWR ID	DWR_RD0341_02_f_2014_1				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	3.37	Rating **	A	Issue No.	4
LM End	3.38	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.105313 °	38.105358 °
				-121.702713 °	-121.703030 °
DWR ID	DWR_RD0341_02_f_2014_4				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : SP_2015_RD0341_168_4_20150406_00129.jpg



Looking downstream from landside.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	03/30/2015 03/30/2015	Herman Phillips

LM Start	3.59	Rating **	C	Issue No.	5
LM End	3.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.103048 °	38.103048 °
				-121.705475 °	-121.705475 °
DWR ID	DWR_RD0341_02_f_2014_5				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	3.99	Rating **	U	Issue No.	595
LM End	5.38	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.097448 °	38.081930 °
				-121.706247 °	-121.716870 °
DWR ID	DWR_RD0341_02_s_2015_595				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	3.99	Rating **	M	Issue No.	596
LM End	5.65	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.097448 °	38.081130 °
				-121.706247 °	-121.721495 °
DWR ID	DWR_RD0341_02_s_2015_596				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	03/30/2015 03/30/2015	Herman Phillips

LM Start	4.18	Rating **	M	Issue No.	597
LM End	4.18	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.094792 °	38.094792 °
				-121.706198 °	-121.706198 °
DWR ID	DWR_RD0341_02_s _ 2015_597				
Action/Comments					
Note and monitor erosion site. Inspector Comments: Monitor the bank erosion on the waterside shoulder.					

No Photos

LM Start	5.00	Rating **	M	Issue No.	600	
LM End	5.00	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Bank Caving				o	o
					o	o
DWR ID	DWR_RD0341_02_s _ 2015_600					
Action/Comments						
Note and monitor erosion site.						

No Photos

LM Start	5.53	Rating **	U	Issue No.	599
LM End	5.53	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.081297 °	38.081297 °
				-121.719400 °	-121.719400 °
DWR ID	DWR_RD0341_02_s _ 2015_599				
Action/Comments					
Note and monitor erosion site.					
Inspector Comments: This erosion needs to be repaired.					

Photo 1 of 2 : SP_2015_RD0341_168_599_20150406_00126.jpg



Erosion greater than 6" on waterside shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	03/30/2015 03/30/2015	Herman Phillips

LM Start	5.53	Rating **	U	Issue No.	599 (cont)	
LM End	5.53	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Bank Caving			38.081297 °	38.081297 °	
				-121.719400 °	-121.719400 °	
DWR ID	DWR_RD0341_02_s_2015_599					
Action/Comments						
Note and monitor erosion site.						
Inspector Comments: This erosion needs to be repaired.						

Photo 2 of 2 : SP_2015_RD0341_168_599_20150406_00127.jpg



View from upstream of erosion site.

LM Start	5.55	Rating **	M	Issue No.	11
LM End	5.76	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.081270 °	38.080807 °
				-121.719702 °	-121.723488 °
DWR ID	DWR_RD0341_02_f_2014_11				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight.					

No Photos

LM Start	6.03	Rating **	M	Issue No.	13
LM End	6.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.080138 °	38.080138 °
				-121.728420 °	-121.729663 °
DWR ID	DWR_RD0341_02_f_2014_13				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Sacramento River	Left	6.28	03/30/2015 03/30/2015	Herman Phillips

LM Start	6.30	Rating **	U	Issue No.	12
LM End	6.32	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.081078 °	38.081133 °
				-121.732975 °	-121.733445 °
DWR ID	DWR_RD0341_02_f_2014_12				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: Remove the Aurondo from the landside levee slope.					

Photo 1 of 1 : SP_2015_RD0341_168_12_20150312_00005.jpg



Unwanted arundo present on the levee slopes landward slope looking upstream.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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